

# Work Order ID 60488

Tuesday, July 13, 2010 10:00:56 AM



Page 1

Item ID: D2282-7

Accept



Setup Start



Revision ID:

Stop



Item Name: Tube

Start Date: 7/13/2010 Start Qty: 120.00



Cust Item ID:

Required Date: 7/20/2010 Req'd Qty: 120.00



Customer:

Reference:

Approvals:

Process Plan:

*[Signature]*

Date: 10-7-13

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D2282

Rev E

100

0.00



Hardinge CNC LATHE SMALL

Hardinge

Memo

0.00

Hardinge CNC Lathe Small

1-Turn as per Dwg D2282 and Folio FA190 ☐ 2-Deburr

*10/07/18*

149 *Ø*

110

0.00



QC2- Inspect parts off machine FAI/FAIB

QC

Memo

0.00

Quality Control

*10/07/18*

149 *Ø*

120

0.00



QC8- Inspect parts - second check

QC

Memo

0.00

Quality Control

*10/07/19*

149 *Ø*

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 60488**

Tuesday, July 13, 2010 10:00:56 AM

Page 2

Item ID: D2282-7

Accept

Setup Start

Revision ID:

Stop

Item Name: Tube

Start Date: 7/13/2010 Start Qty: 120.00

Cust Item ID:

Required Date: 7/20/2010 Req'd Qty: 120.00

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

Identify as per dwg & Stock Location: W

0.00



Packaging

Memo

0.00

Packaging

10-7-19 1492

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10-7-20

MF 10-7-19

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**NOTE:** Date & initial all entries

# Picklist Print

Tuesday, July 13, 2010 10:01:01 AM

Page 1

Work Order ID: 60488



Parent Item: D2282-7



Parent Item Name: Tube

Start Date: 7/13/2010

Required Date: 7/20/2010

Start Qty: 120.00

Required Qty: 120.00

Comments: IPP Rev:A Removed from 9 Digit 05-12-02 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TR0.675W.091		Purchased	No			100	f	14.5310	0.0666	8.412632			



304 RD Tube .675 x .091W



Location

MAT017

Loc Qty

14.531

Loc Code

14.531

~~111456~~  
115180

12 Pt SA 10/04/18

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

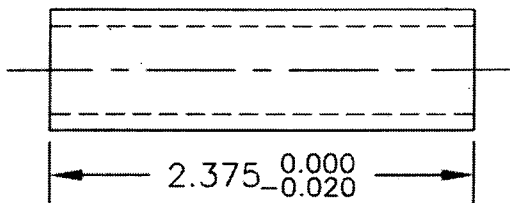
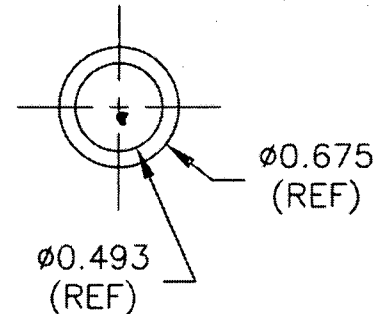
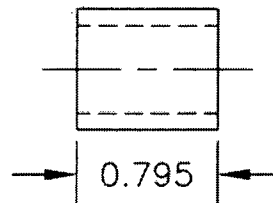
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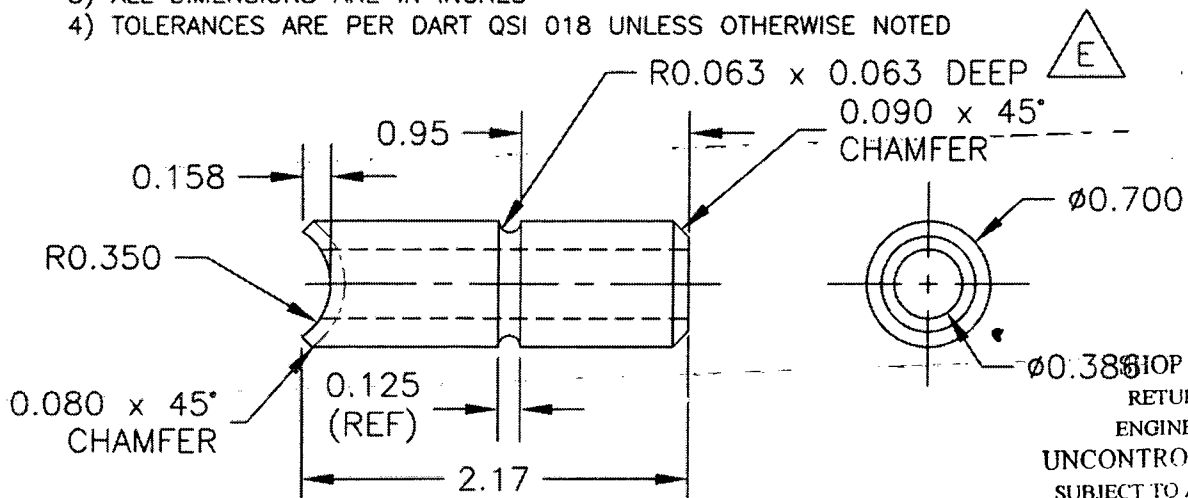


**DART**

DESIGN BW	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2282	REV. E SHEET 1 OF 2
DATE 05.06.07		TITLE HANDLE TUBES	SCALE 1:1
A	94.10.14	NEW ISSUE	
B	95.03.23	RE-DESIGN	
C	97.10.20	CORRECTED NUMBERING SCHEME	
D	05.03.16	REDESIGN D2282-5; 0.795 WAS 0.750	
E	05.06.07	D2282-5 304 SS WAS 303 SS; R0.063 x 0.063 WAS R0.080 x 0.030	

**RELEASED***BS/09/16***D2282-3****D2282-7****D2282-3/-7 TUBE:**

- 1) MATERIAL: T304/T316 3/8 SCHEDULE 40 (REF. DART SPEC. M304TR0.675W.091)
- 2) BREAK ALL UNMARKED SHARP EDGES 0.005 TO 0.010
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

**D2282-5****D2282-5 STEM:**

- 1) MATERIAL: AISI 304 STAINLESS STEEL (REF. DART SPEC. M304R0.750)
- 2) BREAK ALL UNMARKED SHARP EDGES 0.005 TO 0.010
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

NO. 60488  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER

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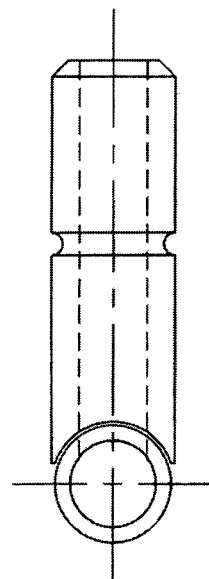
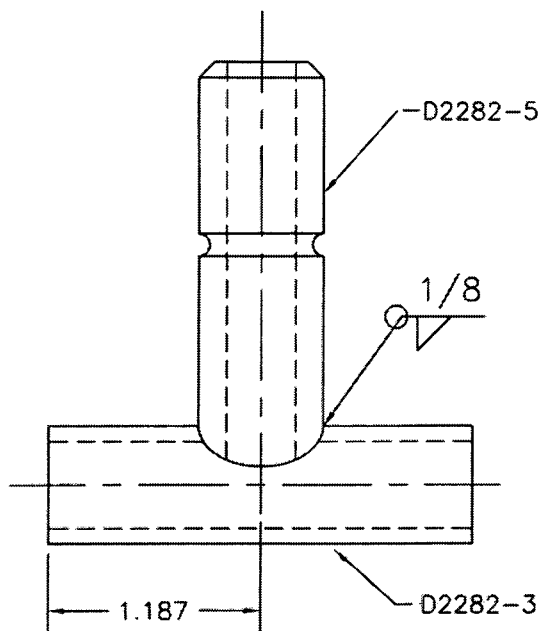
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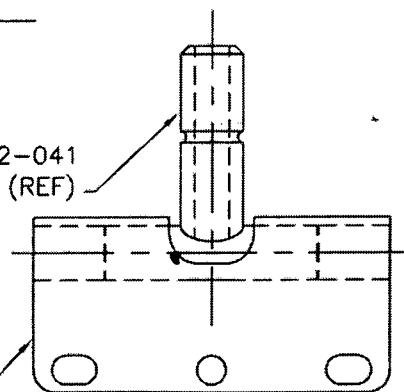
**NOTE:** Date & initial all entries



DESIGN BW	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>UP</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2282	REV. E SHEET 2 OF 2
DATE 05.06.07	TITLE HANDLE TUBES		SCALE 1:1



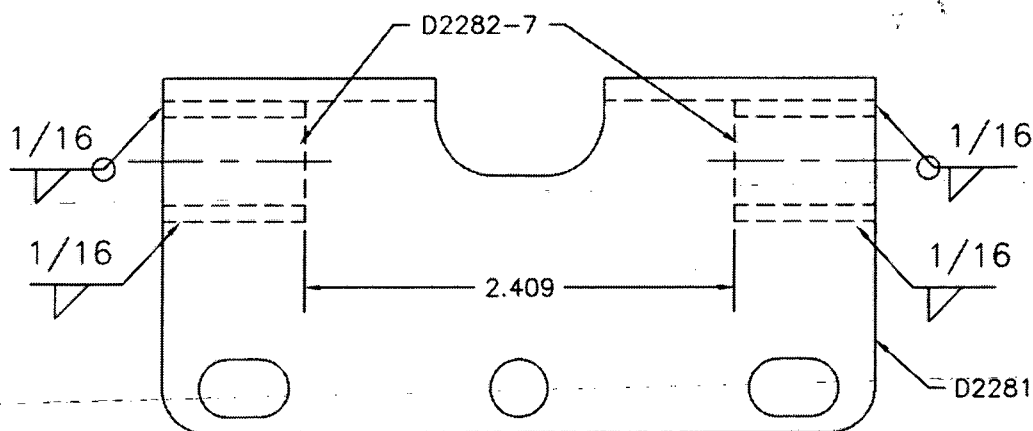
D2282-041  
(REF)



**D2282-041 'T' ASSEMBLY**  
WELD ASSEMBLY PER DART QSI 004

D2282-043  
(REF)

**GENERAL ASSEMBLY**  
SCALE 1:2



**D2282-043 SADDLE ASSEMBLY**  
WELD ASSEMBLY PER DART QSI 004

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